

Proceedings
of the
Society
for
Experimental Biology and Medicine

INCLUDING THE FOLLOWING SECTIONS

CLEVELAND, O.

DISTRICT OF COLUMBIA

ILLINOIS

IOWA

MINNESOTA

MISSOURI

NEW YORK

PACIFIC COAST

PEIPING, CHINA

ROCKY MOUNTAIN

SOUTHERN

SOUTHERN CALIFORNIA

TEXAS

WESTERN NEW YORK

WISCONSIN

October-December, 1944 (INCLUSIVE)

VOLUME 57

NEW YORK

CONTENTS

SCIENTIFIC PROCEEDINGS, VOLUME 57

Three hundred nineteenth issue, October, 1944, No. 1.....	1
Three hundred twentieth issue, November, 1944, No. 2.....	171
Three hundred twenty-first issue, December, 1944	299
Authors' Index (Volume 57)	369
Subject Index (Volume 57)	372

Press of
THOMAS J. GRIFFITHS SONS, INC.
Utica, N. Y.

INDEX

All preliminary manuscripts are indicated by the letter P after the number
of the article

ALLISON, J. B., and COLE, W. H.	Gravity Shock in Rabbits. III. Changes in Distribution of Phosphate and Chloride in Blood and Urine.....	21
AMES, S. R., and ELVEHJEM, C. A.	Inhibition of Succinoxidase System Using Cysteine and Cystine. Nature of Inhibiting Substance	108
ANTOS, R. J., 11.		
ARON, H., 19.		
BALAMUTH, W., and SANDZA, J. G.	Simple, Standardized Culture Medium for Physiological Studies on <i>Entamoeba histolytica</i>	161
BALDWIN, F. M., 165.		
BALL, Z. B., 3.		
BERG, B. N., 1.		
BEUTNER, R., 35.		
BICHOWSKY, L.	Anti-Diamidine Activity of Sodium Nucleate..	163
BOWMAN, D. E.	Fractions Derived from Soy Beans and Navy Beans Which Retard Tryptic Digestion of Casein	139
BUECHLER, E., 132.		
CANTAROW, A., 37.		
CARR, D. T., and ESSEX, H. E.	Bartonellosis: A Cause of Severe Anemia in Splenectomized Dogs.....	44
CASTANEDA, M. R., and SILVA, R.	Simultaneous Infection of Laboratory Animals with Murine and Classic Typhus. Immunological Results.....	80
CLARK, I., 115.		
COLE, W. H., 21.		
COPELAND, D. H.	Strain Differences in the Choline Requirements of Rats.....	33
DARK, M., 63.		
DIETRICH, W. C., and BEUTNER, R.	Mechanism of Action of Thiouracil.....	35
DIETZ, A. A.	Distribution of Bone Marrow, Bone, and Bone-Ash in Rabbits.....	60
DOAN, C. A., 86.		
DONNELLY, G. L., ROSS, C. J., MERONEY, W. H., and HOLMAN, R. L.	Studies on Heavy Metal Poisoning. Sodium Citrate Therapy Effective 67 Hours After Uranium Injury.....	75
DOCHEZ, A. R., 140.		
DOUGLAS, W. A., 72.		
DUTCHER, R. A., 124.		
DWORKIN, R. M., 11.		
EATON, M. D., and VAN HERICK, W.	Demonstration in Cotton Rats and Rabbits of a Latent Virus Related to Pneumonia Virus of Mice.....	89
EDWARDS, P. R.	<i>Salmonella loma-linda</i> : A New Type Isolated from Meningitis.....	104
ELVEHJEM, C. A., 108.		
EMERSON, G. A., and WURTZ, E.	Biotin-Pantothenic Acid Interrelationship in Rats Fed Succinylsulfathiazole.....	47
ERCOLI, N., and LAFFERTY, L. C.	The Anti-Spirochetal Activity of Penicillin in Experimental Infections.....	4
ESSEX, H. E., 44.		

FIGGE, F. H. J.	Sudden Death of Mice Injected Intraorbitally with Minute Amounts of Sesame Oil.....	24
FOSTER, J. W., 88.		
FREEDLANDER, B. L.	Tuberculostatic Action of Phenothiazine and Derivatives	106
GREEN, H. D., ANTOS, R. J., and DWORKIN, R. M.	Shock Associated with Deep Muscle Burns.....	11
GREEN, M. H., 82.		
GREENBERG, D. M., 130.		
GROLLMAN, A.	A Simplified Procedure for Inducing Chronic Renal Hypertension in the Mammal.....	102
GUERRANT, N. B., 124.		
GUGGENHEIM, K., 132.		
GYORGY, P., 52.		
HANDLER, P.	Alleviation by Raw Liver of Anorexia Produced by Sulfapyridine.....	99
HART, W. M., 37.		
HIMAN, C., 117.		
HODGE, H. C.	Acute Toxicity of Choline Hydrochloride Administered Intraperitoneally to Rats.....	26
HOLMAN, R. L., and DOUGLAS, W. A.	Studies on Heavy Metal Poisoning. Use of Natural Radioactivity for Tracer Studies on Uranium	72
HOLMAN, R. L., 75.		
HOSTER, H. A., DOAN, C. A., and SCHUMACHER, M.	Studies in Hodgkin's Syndrome. A Search for Brucella in Hodgkin's Syndrome.....	86
HUIDOBRO, F., 31.		
JOHNSON, L., 125.		
JUNGE, J., 82.		
JUNGHERR, E., 7.		
KAPLAN, M. H.	Nature and Role of the Lytic Factor in Hemolytic Streptococcal Fibrinolysis.....	40
KAPLAN, N. O., and GREENBERG, D. M.	Effect of Starvation and Ageing on the Acid Soluble Phosphate Components of the Liver	130
KENNEDY, W. B., and LUKENS, F. D. W.	Observations on Alloxan Diabetes.....	143
KING, J. T., BALL, Z. B., and MENEFFEE, E. C.	Tumor-bearing Chicks Hatched from Eggs Inoculated with Mouse Carcinoma.....	3
KIRBY, W. M. M.	Bacteriostatic Action of Sulfonamide-Penicillin and Urea-Penicillin <i>in Vitro</i>	149
KLIGLER, I. J., GUGGENHEIM, K., and BUECHLER, E.	Relation of Riboflavin Deficiency to Spontaneous Epidemics of Salmonella in Mice.....	132
KRAYER, O.	A Difference in Cardiodecelerator Action Between Digitoxin and Digitoxigenin.....	167
LAFFERTY, L. C., 4.		
LANDS, A. M., and NASH, V. L.	Spasmolytic Activity of Diethyl-aminoethyl Esters of Substituted α -Thienylacetic and α -Thienylglycolic Acids.....	55
LEWIS, R. A., 17.		
LI, C. H., 19.		
LI, M. H., and BALDWIN, F. M.	Testicular Tumor in the Teleost (<i>Xiphophorus helleri</i>) Receiving Sesame Oil.....	165
LICHTSTEIN, H. C., 92.		
LOWENSTEIN, B. E., 117.		
LUKENS, F. D. W., 143.		
McCHESNEY, E. W.	Chronic Toxicity and Hypercalcemic Effects of Various Activated Sterols in the Albino Rat	29
McGOVERN, B. H., and RUGH, R.	Efficacy of M-Amino Ethyl Benzoate as an Anesthetic for Amphibian Embryos.....	127
MATTERSON, L. D., 7.		

MENEFEE, E. C., 3.	
MENTEN, M. L., JUNGE, J., and GREEN, M. H.	Distribution of Alkaline Phosphatase in Kidney Following Use of a Histochemical Azo Dye Test..... 82
MERONEY, W. H., 75.	
METTLER, F. A.	
MILLER, A. K.	Origin of the Fibers in the Pyramid of the Primate Brain..... 111
	Folic Acid and Biotin Synthesis by Sulfonamide-Sensitive and Sulfonamide-Resistant Strain of <i>Escherichia coli</i> 151
MILLER, A. T., JR., and DARK, M.	Restoration of Blood Volume Following Standard Sublethal Hemorrhage..... 63
MILLS, K. C., and DOCHEZ, A. R.	Specific Agglutination of Murine Erythrocytes by a Pneumonitis Virus in Mice..... 140
MORPETH, E., 154.	
MULLIGAN, R. M.	Connective Tissue Neoplasms Produced in Dogs by Methylcholanthrene..... 134
NASH, V. L., 55.	
NOTHMANN, M. M.	Effect of Ligation of Pancreatic Ducts on the Serum Phosphatase..... 15
OLIVER-GONZÁLEZ, J.	Blood Agglutinins in Blackwater Fever..... 25
OPPENHEIMER, B. S., LOWENSTEIN, B. E., and HYMAN, C.	Antipressor Effect of 1,4-Cyclohexandione on Blood Pressure of Hypertensive Dogs..... 117
PASCHKIS, K. E., CANTAROW, A., HART, W. M., and RAKOFF, A. E.	Inhibitory Action of Thiouracil, Thiocarbamide, and Other Compounds on Melanin Formation by Tyrosinase..... 37
RAKOFF, A. E., 37.	
RASMUSSEN, A. F., JR., WAISMAN, H. A., and LICHSTEIN, H. C.	Influence of Riboflavin on Susceptibility of Mice to Experimental Poliomyelitis..... 92
REED, R. K., 135.	
REINHARDT, W. C., ARON, H., and LI, C. H.	Effect of Adrenocorticotrophic Hormone on Leucocyte Picture of Normal Rats and Dogs 19
RICHARDS, R. K., and JOHNSON, L.	Comparative Effectiveness of Calcium and Strontium in Plasma Coagulation..... 125
ROSS, C. J., 75.	
RUGH, R., 127.	
SANDZA, J. G., 161.	
SAPIRSTEIN, L. A., and REED, R. K.	Effects of Fournau 883 and Fournau 933 on Late Renal Hypertension in the Rat..... 135
SCHARF, A., and SLANETZ, C. A.	Effect of Soybean Phosphatides on Utilization of the Fat-Soluble Vitamins..... 159
SCHRAFFENBERGER, E., 49.	
SCHUMACHER, M., 86.	
SCOTT, H. M., JUNGHER, E., and MATTERSON, L. D.	Possible Role of Potassium in Pullet Disease 7
SEELER, A. O.	Effect of Pyridoxine on Activity of Quinine and Atabrine Against <i>Plasmodium lophurae</i> Infections 113
SENEKJIE, H. A., and LEWIS, R. A.	Diagnosis of Leishmaniasis by Slide Agglutination 17
SHIPLEY, R. A., and GYORGY, P.	Effect of Dietary Hepatic Injury on Inactivation of Estrone..... 52
SIEGEL, H., 115.	
SILBER, R. H., CLARK, I., and SIEGEL, H.	Elevated Plasma Fibrinogen Levels and Liver Necrosis in Rats Receiving Atabrine..... 115
SILVA, R., 80.	
SLANETZ, C. A., 159.	
STOERK, H. C., and MORPETH, E.	Choline Esterase Activity of Skeletal Muscle in Various Conditions..... 154

STONE, L. S.	Functional Polarization in Retinal Development and Its Reestablishment in Regenerating Retinæ of Rotated Grafted Eyes.....	13
STRONG, L. C.	Maternal Inheritance of Protoporphyrins of the Harderian Glands in Mice.....	76
TAGNON, H. J.	Effect of Intravenous Injection of Trypsin on Blood Coagulation Time in Hemophilia.....	45
TATLOCK, H.	A Rickettsia-like Organism Recovered from Guinea Pigs.....	93
TORDA, C., and WOLFF, H. G.	Effect of Adrenotrophic Hormone of Pituitary Gland on Ability of Tissue to Synthesize Acetylcholine.....	137
TORDA, C., and WOLFF, H. G.	Effect of Ether Extract of Thymus and Pancreas on Synthesis of Acetylcholine.....	69
VALDES, R., 31.		
VALENZUELA, F., HUIDOBRO, F., and VALDES, R.	Neuromuscular Transmission in Parathyroid Tetany	31
WAISMAN, H. A., 92.		
WARKANY, J., and SCHRAFFENBERGER, E.	Congenital Malformations of the Eyes Induced in Rats by Maternal Vitamin A Deficiency	49
WATSON, R. F.	Sensitivity of Various Serological (Lancefield) Groups of Streptococci to Penicillin.....	65
WHITLOCK, G. P., GUERRANT, N. B., and DUTCHER, R. A.	Response of Rats to Diets Containing Propylene Glycol and Glycerol.....	124
WOLFF, H. G., 69, 137.		
WOODRUFF, H. B., and FOSTER, J. W.	<i>In Vitro</i> Inhibition of Mycobacteria by Streptothricin	88
WURTZ, E., 47.		
YOUMANS, G. P.	An Improved Method for Testing of Bacteriostatic Agents. Results Using Virulent Human Type Tubercle Bacillus.....	119
YOUMANS, G. P.	Subsurface Growth of Virulent Human Tubercle Bacilli in a Synthetic Medium.....	122
ZUCKER, T. F., and BERG, B. N.	The Time Factor in the Production of Gastric Lesions on Low Calcium Diets.....	1

